

OCT 14 2005

File No.: 10326-78US CMB/AC/clb

October 13, 2005

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : ETTALEB *et al.*  
Serial Number : 10/691,512  
Filed : October 24, 2003  
Title : DIAGNOSTIC FOR POORLY TUNED  
CONTROL LOOPS  
Examiner : MASINICK, Michael D.  
Agent of Record : BENOÎT, C. Marc  
Telephone number : (514) 847-4462

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
U.S.A.

**RESPONSE FOLLOWING FINAL OFFICE ACTION**

Sir:

In response to the Final Office Action dated August 24, 2005 in connection with the above-identified Application, please consider the following:

**AMENDMENTS TO THE CLAIMS:**

Amendments to the claims are reflected in the listing of claims which begins on page 2 of this paper.

**REMARKS**

Remarks begin on page 5 of this paper.